

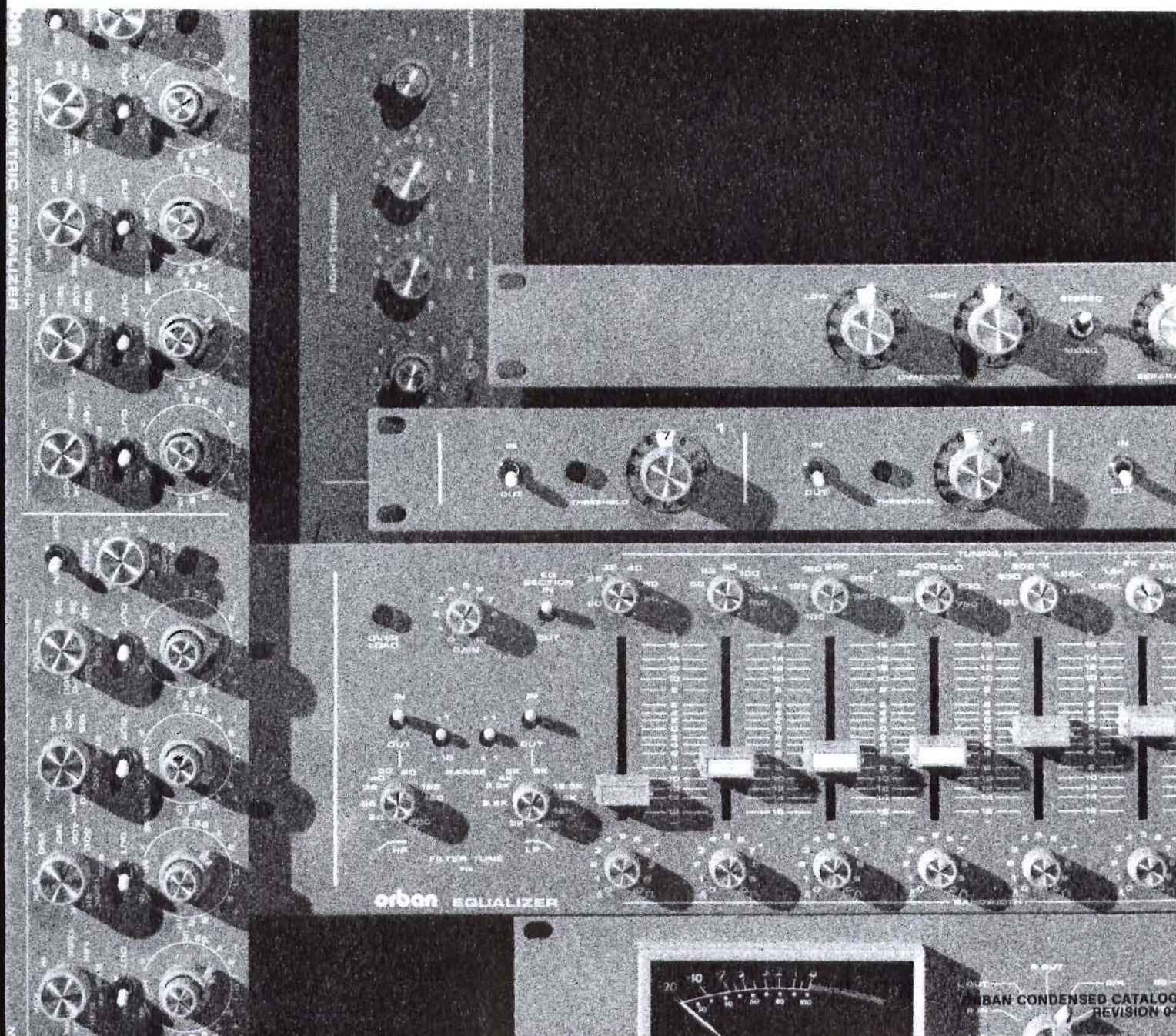
# Orban Condensed Catalog

## Professional Audio Products

All Orban products are designed to meet the requirements of the most demanding professional users.

Detailed brochures which include full specifications are available on request from Orban dealers worldwide.

All products are equipped with 115/230V 50-60Hz power supplies and carry a One-Year Limited Warranty.







## 111B Reverberation

Dual-channel spring reverb with six springs/channel for smoothness and natural sound. "Floating threshold" limiter attenuates "spring twang" and protects against overload. Shelving bass and quasi-parametric midrange EQ. Unbalanced input accepts line-level or semi-pro (medium level) gear. Transformer-balanced main output; unbalanced "mixed" output allows use "in-line" without external mixers. Compact, rugged, and reliable.



## 245F Stereo Synthesizer

Creates a seductive pseudo-stereo effect from any mono source. Left and right channels sum back to original mono for total compatability in disc cutting and FM stereo broadcast. Doesn't affect the frequency balance of the mono original. Easy to use; only three operating controls. Balanced line-level input and output transformer option.



## 418A Stereo Compressor/Limiter

Famous OPTIMOD-FM circuitry adapted for production and recording applications. Exceptionally smooth sound with adjustable program-controlled release time. Separate high frequency limiter with four selectable breakpoints from 25 to 75us. Simple, easy-to-use stereo-ganged controls. Accurate stereo tracking. Balanced line-level inputs; unbalanced outputs. Ideal for processing complex program material in cassette duplication, broadcast production, and recording studios.



## 424A Gated Compressor/Limiter/De-Esser

"The Studio Optimod"

A multi-purpose dynamic range control device with optimized, program controlled parameters. Manual adjustment of compression ratio, attack and release times, gating threshold, and de-esser sensitivity. "Output Trim" controls absolute peak level of VCA with accurate meter display. "Idle Gain" control helps prevent abrupt gain changes. Available in mono or dual channel (with stereo coupling).



## 516EC Dynamic Sibilance Controller

Three-channel de-esser with unbalanced line-level inputs and outputs. Ideal for simultaneous de-essing of several voices in cinema, recording, or broadcast. Easy to adjust with single THRESHOLD control. De-essing constant over 15dB input range. De-essing defeatable without clicks or pops. Outstandingly quiet and clean.



## 526A Dynamic Sibilance Controller

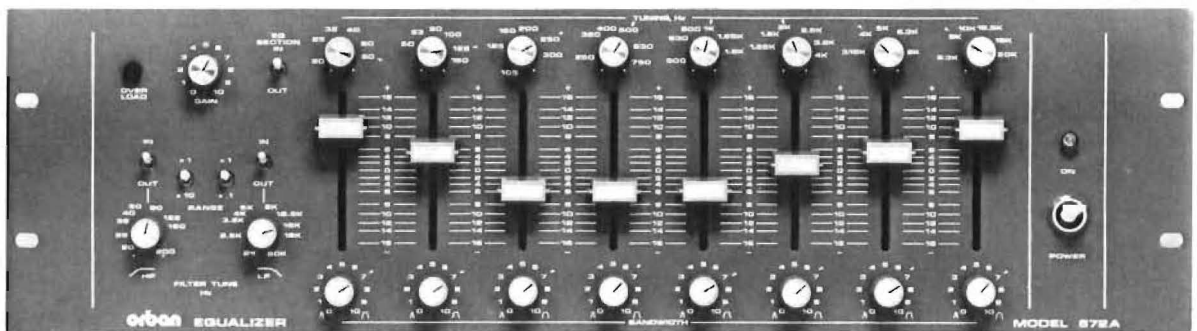
Effective de-essing without audible "action". De-essing constant over 15dB input level range. Easy to set up and use—only two operating controls (GAIN and THRESHOLD). Fully balanced transformer-coupled input and output with mic/line switching on input. Can be inserted and removed from circuit without clicks or pops. Convenient LED level and de-essing indicators.





# 622B Parametric Equalizer

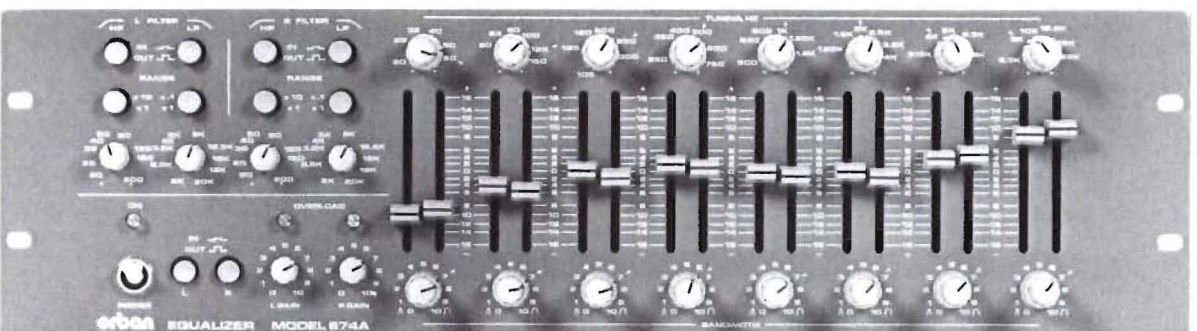
A two channel parametric equalizer for use where continuous, non-interacting control over center frequency, bandwidth, and amount of peak boost or cut is desired. Four peaking bands per channel with "constant-Q" curves providing notching capability; individual channel and band in/out switches; GAIN control; overload lamp. Line-level balanced input and unbalanced output. Output can be balanced by addition of optional transformer.



# 672A Equalizer

A single channel quasi-parametric equalizer with continuous control over center frequency, bandwidth, and amount of peak or dip. Convenient graphic-style EQ controls provide reciprocal EQ in eight bands. Additional 12dB/octave highpass and lowpass filters tune continuously over 100:1 frequency range. Additional lowpass output

permits use as equalizer cascaded with electronic crossover. GAIN control; overload lamp; IN/OUT switches for equalizer and each filter. Line level balanced input; unbalanced outputs can be balanced with optional transformer(s).



# 674A Equalizer

A two-channel version of the 672A. Controls are configured to facilitate accurate, easy adjustment of both channels simultaneously when equalizing stereophonic program. Each channel identical to the 672A, including all controls and overload indicator, with the exception that

the electronic crossover outputs are arranged as "MAIN/LOWPASS" and "HIGHPASS" to provide further protection against accidental tweeter burnout should IN/OUT switches be incorrectly operated.

Sold through authorized dealers worldwide

**orban**

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